

WHAT IS CLAIMED IS:

1. An image input apparatus comprising:

an optical system which forms an image of a subject;

an image pickup unit which converts the formed subject image  
5 to image data;

an image capture guide list input unit, through which image  
capture guide lists each including at least one of image titles  
representing targets to be recorded are input;

a storage unit which stores the image capture guide lists  
10 input through said image capture guide list input unit;

a display device which displays information on its screen;  
and

an image title display unit which displays the image title(s)  
included in one of the image capture guide lists stored in said  
15 storage unit on the screen of said display device.

2. The image input apparatus according to claim 1 further  
comprising:

an image capture guide list display unit which displays the  
20 image capture guide lists stored in said storage unit in list form  
on the screen of said display device; and

an image capture guide list selection unit which selects  
one from the image capture guide lists displayed on the screen,

wherein said image title display unit displays the image  
25 title(s) included in the image capture guide list selected by said

image capture guide list selection unit.

3. The image input apparatus according to claim 1, wherein said image capture guide list input unit includes communication means  
5 used for receiving the image capture guide lists transferred from an information processing device connected thereto.

4. The image input apparatus according to claim 1, wherein said image capture guide list input unit includes a Web browsing unit  
10 which browses a home page of a Web server connected thereto and downloads the image capture guide list on the home page.

5. The image input apparatus according to claim 1 further comprising:  
15 an image title selection unit which selects one of the image titles displayed on the screen, wherein

when one of these image titles is selected by said image title selection unit, a mode is switched to a recording mode.

20 6. The image input apparatus according to claim 5, wherein data for any of still pictures, binary images and motion pictures as said targets to be recorded, and voice memos is recorded in the recording mode.

7. The image input apparatus according to claim 6 further comprising:

an HTML file conversion unit which converts the data recorded in the recording mode to an HTML file.

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8. The image input apparatus according to claim 7 further comprising:

an uploading unit which uploads the HTML file converted by said HTML file conversion unit to the home page of said Web server.

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9. The image input apparatus according to claim 6, wherein the image title selected by said image title selection unit is added to parameters in a recorded file for the data recorded in the recording mode.

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10. The image input apparatus according to claim 6, wherein the recorded file for the data recorded in the recording mode is stored in correlation with the image title selected by said image title selection unit.

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11. The image input apparatus according to claim 6, wherein a file name of the recorded file for the data recorded in the recording mode includes the image title selected by said selection unit in at least a part of the file name.

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12. The image input apparatus according to claim 6, wherein the image title selected by said image title selection unit is superposed on the image data recorded in the recording mode.

5 13. The image input apparatus according to claim 6, wherein when an image title is selected from the image capture guide list by said image title selection unit and the data for this title is recoded, said image title display unit displays a message to the effect that recording corresponding to the image title has been  
10 performed.

14. The image input apparatus according to claim 13, wherein said image title display unit displays the number of recordings on the screen of said display device for each image title.

15 15. The image input apparatus according to claim 1, wherein when shooting for all the image titles in the image capture guide list has been finished, a message to the effect, that the shooting for the image capture guide list has been finished, is  
20 sent to a specified destination.

16. The image input apparatus according to claim 1, wherein when one of the image titles is selected by said image title selection unit, the mode is switched to the recording mode to display  
25 the image title selected by said selection unit together with a

monitoring image of the subject on the screen of said display device.

17. The image input apparatus according to claim 1 further comprising:

5 a recording control unit which shifts to the recording mode when an image title is selected by said image title selection unit, records data to be recorded for any of still pictures, binary images, motion pictures of subjects, and voice memos according to the operation of a specific button, and stores the data in said storage  
10 unit as a recorded file; and

a grouping unit which groups the recorded files for each image capture guide list.

18. The image input apparatus according to claim 17, wherein  
15 said grouping unit registers the recorded files in a folder or folders for each image capture guide list to group the recorded files.

19. The image input apparatus according to claim 1, wherein  
the image capture guide list further includes shooting  
20 instruction information that corresponds to each image title and provides an instruction to a user, and

when one of the image titles is selected by said image title selection unit, the contents of the shooting instruction information for the selected image capture guide list is notified.

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20. The image input apparatus according to claim 19, wherein the contents of the shooting instruction information are a shooting procedure or an instruction for operations to be carried out after shooting.

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21. The image input apparatus according to claim 19, wherein an attribute of the shooting instruction information is any of text, graphics, a voice memo, and a motion picture.

10 22. The image input apparatus according to claim 1, wherein the image capture guide list further includes automatic processing instruction information that corresponds to each image title and provides instructions for automatic settings of setting conditions when recording a target to be recorded, and/or for  
15 automatic processing to be executed after the recording, and

when an image title is selected by said image title selection unit, the mode is switched to the recording mode to execute the automatic settings of setting conditions when recording the target to be recorded, and/or the automatic processing to be executed after  
20 the recorded data is recorded based on the contents of the automatic processing instruction information for the image title selected by said image title selection unit.

23. The image input apparatus according to claim 22 further comprising:

communication means through which data communications are performed with the outside, wherein

5 when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to send data as an attachment after the data is recorded, the data recorded in the recording mode is attached to e-mail to be sent to a specified destination through  
10 said communication means.

24. The image input apparatus according to claim 22 further comprising:

communication means through which data communications are  
15 performed with the outside, wherein

when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to send thumbnail data as an attachment after the data is recorded, thumbnail images for the  
20 image data recorded in the recording mode are attached to e-mail to be sent to a specified destination through said communication means.

25. The image input apparatus according to claim 22 further comprising:

communication means through which data communications are performed with the outside, wherein

5 when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to send zoomed image data as an attachment after the data is recorded, the image data recorded in the recording mode is changed to a specified size to be attached  
10 to e-mail, and the e-mail is sent to a specified destination through said communication means.

26. The image input apparatus according to claim 22 further comprising:

15 communication means through which data communications are performed with the outside, wherein

when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to upload data to a home  
20 page after the data is recorded, the image data recorded in the recording mode is converted to an HTML file, and the HTML file is uploaded to a specified home page through said communication means.



27. The image input apparatus according to claim 22 further comprising:

communication means through which data communications are performed with the outside, wherein

5 when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to upload data to a home page after the data is recorded and notify of a URL address of this home page, the image data recorded in the recording mode is converted  
10 to an HTML file, the HTML file is uploaded to a specified home page through said communication means, and the URL address of this home page is also sent to a specified destination through said communication means.

15 28. The image input apparatus according to claim 22 further comprising:

a memo input unit through which memo information is input, wherein

when the contents of the automatic processing instruction  
20 information for the image title selected by said image title selection unit indicate an instruction to input memo information after related data is recorded, the mode is switched to a memo input mode after the data is recorded in the recording mode, and a file of the memo information input through said memo input unit is stored  
25 in correlation with the recorded file of the data recorded in the

recording mode.

29. The image input apparatus according to claim 22 further comprising:

5 a memo input unit through which memo information is input, wherein

when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to input memo information  
10 after related data is recorded, the mode is switched to the memo input mode after the data is recorded in the recording mode, and the memo information input through said memo input unit is combined with the image data recorded in the recording mode.

15 30. The image input apparatus according to claim 29, wherein the memo information is provided with text or freehand characters.

31. The image input apparatus according to claim 29, wherein a combining position of the memo information with respect to the  
20 recorded image can freely be set.

32. The image input apparatus according to claim 22 further comprising:

a voice memo input unit through which voice memo is input,  
25 wherein

when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to input voice memo after related data is recorded, the mode is switched to a voice memo input mode after the data is recorded in the recording mode, and a file of the voice memo input through said voice memo input unit is stored in correlation with the recorded file of the image data recorded in the recording mode.

10 33. The image input apparatus according to claim 22, wherein  
when the contents of the automatic processing instruction information for the image title selected by said image title selection unit indicate an instruction to imprint a date on an image to be recorded, the image data is recorded in the recording mode,  
15 and then the date is imprinted on this image data.

34. The image input apparatus according to claim 22, wherein  
when the contents of the automatic processing instruction information for the image title selected by said image title  
20 selection unit indicate an instruction to set resolution of an image to be recorded, the resolution for shooting is set according to the setting instruction.

35. The image input apparatus according to claim 1, wherein the image capture guide list includes at least one of the image titles as targets to be recorded and information to be superposed for this image title, and

5 when one of these image titles is selected by said selection unit, the mode is switched to the recording mode, and the information to be superposed, for the image title selected from the image capture guide list by said selection unit, is superposed on the image recorded in the recording mode.

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36. The image input apparatus according to claim 22, wherein a superposing position of the information to be superposed with respect to the recorded image can freely be set.

15 37. The image input apparatus according to claim 1, wherein the image capture guide list includes automatic processing instruction information that provides an instruction for automatic processing to be executed after data is recorded, and

when an image title is selected by said image title selection unit, the mode is switched to the recording mode, shooting is performed for each image title according to the operation of a specific button, and the shot image data is processed based on the automatic processing instruction information in the image capture guide list.

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38. The image input apparatus according to claim 37, wherein  
when the automatic processing instruction information  
indicates an instruction to combine a plurality of images, the  
plurality of images recorded for each of the image titles are combined  
5 into one.

39. The image input apparatus according to claim 37, wherein  
when the automatic processing instruction information  
indicates an instruction to correct a plurality of images, the  
10 plurality of images recorded for each of the image titles are  
corrected.

40. The image input apparatus according to claim 22, wherein  
the image capture guide list further includes model name  
15 information, and the automatic processing instruction information  
is the contents adequate for the model,

said apparatus further comprises a determination unit which  
reads out the model name information of the image capture guide  
list input through said input unit, and determines whether the model  
20 name of its own and the model name specified in the image capture  
guide list match with each other, and

when it is determined by said determination unit that the  
own model name matches the model name in the image capture guide  
list, shooting is performed based on the image capture guide list.

41. An image input apparatus comprising:

an optical system which forms an image of a subject;

an image pickup unit which converts the formed subject image  
to image data;

5 a memory which temporarily stores the image data output from  
said image pickup unit;

a storage control unit which stores the image data stored  
in said memory in a recording medium in a predetermined file format;

a display device which displays information on its screen;

10 and

a Web browsing unit which captures Web information for a  
Web page of a Web server, stores the information in said memory  
as display data, and displays the display data stored in said memory  
on the screen of said display device,

15 wherein the display data stored in said memory is recorded  
in said recording medium in the predetermined file format.

42. The image input apparatus according to claim 41 further  
comprising:

20 a zoom lever which allows a zoom lens to move, so that a  
subject image is zoomed, wherein

said Web browsing unit enlarges or reduces the size of the  
display data stored in said memory according to the operation of  
said zoom lever, and changes a range of the Web information to be

25 captured.

43. The image input apparatus according to claim 41 further comprising:

a shutter release button through which a shooting operation is instructed, wherein

5 the display data stored in said memory is recorded in said recording medium in the predetermined format according to the operation of said shutter release button.

44. The image input apparatus according to claim 41, wherein  
10 said Web browsing unit periodically accesses a particular URL of the image to be browsed, and captures the Web information.

45. The image input apparatus according to claim 41 further comprising:

15 a freehand memo information input unit through which freehand memo information is input, wherein

the freehand memo information input through said freehand memo information input unit and the Web information captured from said Web server are combined into one.

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46. The image input apparatus according to claim 41 further comprising:

a voice memo information input unit through which voice memo information is input, wherein

25 the voice memo information is added to the Web information

captured from said Web server.

47. The image input apparatus according to claim 41 further comprising:

5 a memo information input unit through which memo information is input; and

a memo information storage unit which previously stores memo information, wherein

10 a position on the Web information that has been browsed is specified, and the memo information input through said memo information input unit or previously stored in said memo information storage unit is superposed on the specified position of the Web information.

15 48. The image input apparatus according to claim 41, wherein

when the display data stored in said memory is recorded in said recording medium in the predetermined file format, the corresponding URL or e-mail address is written in the header of a file.

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49. The image input apparatus according to claim 41, wherein the files in the predetermined file format are classified into those for folders according to the contents of the URLs.

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50. A program executed by a computer on an image input apparatus connected thereto through a transmission line, comprising:

an image capture guide list creating step of creating an image capture guide list which is displayed on the screen of said display device for said image input apparatus, and includes at least one of image titles that represent targets to be recorded and are used for shooting.

51. The program executed by a computer according to claim 50, wherein the image capture guide list creating step includes the steps of reading out the model name information from said image input apparatus connected to said computer and creating the image capture guide list adequate for the model.

52. The program executed by a computer according to claim 50, wherein the image capture guide list creating step includes the steps of reading out the model name information from the header of the recorded file stored in said image input apparatus and creating the image capture guide list adequate for the model.

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53. The program executed by a computer according to claim 50, wherein the image capture guide list creating step includes the step of creating the image capture guide list adequate for each model using a table in which model ability information for each model of plural image input apparatuses is registered.

54. The program executed by a computer according to claim 50, wherein the image capture guide list creating step comprises the steps of:

displaying a spreadsheet type input screen consisting of  
5 a plurality of cells;

inputting an image title in one of the cells on the input screen;

specifying at least one of the cell positions where image titles have been input; and

10 creating an image capture guide list including the image title(s) on the specified cell position(s).

55. The program executed by a computer according to claim 50, wherein the image capture guide list creating step comprises the  
15 steps of:

displaying a spreadsheet type input screen consisting of a plurality of cells;

inputting an image title and a shooting instruction item for this image title in respective cells on the input screen;

20 specifying at least one of the cell positions where image titles have been input; and

creating an image capture guide list including the image title(s) in the specified cell positions and the shooting instruction item(s) for the image titles.

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56. The program executed by a computer according to claim 50, wherein the image capture guide list creating step comprises the steps of:

displaying a spreadsheet type input screen consisting of  
5 a plurality of cells;

inputting an image title in one of the cells on the input screen;

changing the size of at least a part of the cells on the input screen;

10 specifying at least one of the cell positions where image titles have been input;

specifying a cell position, in which an image is to be pasted, for each image title; and

creating an image capture guide list including the image  
15 title(s) in the specified cell position(s) and the size(s) of the specified cell(s).

57. The program executed by a computer according to claim 50, wherein the image capture guide list creating step comprises the  
20 steps of:

displaying a spreadsheet type input screen consisting of a plurality of cells;

inputting an image title in one of the cells on the input screen;

25 changing the size of at least a part of the cells on the

input screen;

    pasting an image in one of the cells;

    specifying at least one of the cell positions where image titles have been input;

5       specifying a cell position on which an image has been pasted for each image title; and

    creating an image capture guide list including the image title(s) in the specified cell position(s) and the size(s) of the image(s) pasted on the specified cell(s).

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58.    The program executed by a computer according to claim 50 further comprising the steps of:

    inputting an image recorded by said image input apparatus based on the image capture guide list and also inputting this image  
15   capture guide list;

    displaying a spreadsheet type input screen consisting of a plurality of cells; and

    displaying an image title in the image capture guide list in one of the cells, reading out the size of a target cell in which  
20   the image recorded for the image title is to be pasted, changing the size of the recorded image to the size of the read-out cell, and pasting the recorded image in the target cell.

59. The program executed by a computer according to claim 58, wherein the pasting step includes a step of changing the size of an image to the changed size of a cell if the size of the cell, in which the image has been pasted, is changed.

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60. A method for creating text with an image or images comprising the steps of:

creating an item list including at least an item indicating a title of a subject desired to be recorded on a first screen, selecting  
10 the scope of writing out at least one of image titles from the item list, and creating an image capture guide list including the image title(s);

displaying the image title(s) in the image capture guide list on a second screen, and shooting a subject for each of the  
15 image titles; and

selecting a range, in which the recorded image(s) is pasted, from the item list on the first screen, and pasting the recorded image(s) in the selected range.